



# Search Report

## EIC 3600

STIC Database Tracking Number: 280044

**To: Ms. Lena Najarian**  
**Location: KNX 05 A59**  
**Art Unit: 3686**  
**Date: 10/16/09**  
**Case Serial Number: 09/993663**

**From: Aaron Gitzen**  
**Location: EIC3600**  
**KNX 04 A70**  
**Phone: (571) 272-3096**  
**aaron.gitzen@uspto.gov**

### Search Notes

Dear Examiner Najarian:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog.

References of interest are listed in the first part of the search results. Please scan through the remaining results for other possible references of interest.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Aaron Gitzen

<b>I. REFERENCES OF INTEREST .....</b>	<b>3</b>
A. Dialog.....	3
B. Additional Resources Searched.....	4
<b>II. INVENTOR SEARCH RESULTS FROM DIALOG .....</b>	<b>5</b>
<b>III. TEXT SEARCH RESULTS FROM DIALOG .....</b>	<b>10</b>
A. Patent Files, Abstract .....	10
B. Patent Files, Full-Text.....	14
<b>IV. TEXT SEARCH RESULTS FROM DIALOG .....</b>	<b>24</b>
A. NPL Files, Abstract.....	24
B. NPL Files, Full-text.....	29
<b>V. ADDITIONAL RESOURCES SEARCHED .....</b>	<b>32</b>

## I. References of Interest

### A. Dialog

**Dialog eLink:** [Order File History](#)

40/3K/4 (Item 4 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

(c) 2009 European Patent Office. All rights reserved.

01405986

### **Method and system for sending an emergency call from a mobile terminal to the nearby emergency institution**

Methode und system zur sendung einen emergencyanruf von ein mobiles gerat zu einer emergencyinstitution

Methode et systeme pour l'envoi d'un appel d'urgence a partir d'un terminal mobile vers une institution d'urgence

### **Patent Assignee:**

- **NEC CORPORATION;** (236690)  
7-1, Shiba 5-chome, Minato-ku; Tokyo; (JP)  
(Applicant designated States: all)
- **IPC World, Inc.;** (3877530)  
Minami Azabu 2-1-9, Minato-ku; Tokyo; (JP)  
(Applicant designated States: all)

### **Inventor:**

- **Muranaga, Yoshio**  
c/o IPC World, Inc., Minami Azabu 2-1-9, Minato-ku; Tokyo; (JP)

### **Legal Representative:**

- **Glawe, Delfs, Moll & Partner (100692)**  
Patentanwalte Postfach 26 01 62; 80058 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1189470	A2	20020320	(Basic)
	EP	1189470	A3	20040609	
Application	EP	2001122370		20010919	
Priorities	JP	2000282953		20000919	

**Specification:** ...and sending the translated message from the server computer to at least one of the **mobile** and emergency terminals.

The method may be as the following. The retrieved emergency institution is... ..financial institution, which is referred to as second financial institution, identifies the user of the **mobile** terminal with reference to registration of the user for the **mobile** communication system. The second financial institution sends money to the first financial institution.

The method may further comprise the step of navigating the user of the **mobile** terminal to the retrieved **emergency** institution with reference to the position information. In this case, the directing step may comprise the steps of: sending map information including current position of the **mobile** terminal shown in the position information from the server computer to the **mobile** terminal; displaying the **map** information on a display device of the **mobile** terminal.

According to the present invention, a system for sending **emergency** call from a **mobile** terminal of a **mobile** communication system is provided. The system comprises a server computer and terminals for **emergency** institutions which are referred to as **emergency** terminals and receive the **emergency** call. The **mobile** terminal comprises a unit for acquiring position information that shows where the mobile terminal is ... ..to the server computer in response to predetermined operation by the user of the mobile **terminal**. The server computer retrieves one of the emergency institutions in response to the position information ...

## B. Additional Resources Searched

## II. Inventor Search Results from Dialog

File 20:Dialog Global Reporter 1997-2009/Oct 16  
 (c) 2009 Dialog  
 File 15:ABI/Inform(R) 1971-2009/Oct 15  
 (c) 2009 ProQuest Info&Learning  
 File 610:Business Wire 1999-2009/Oct 16  
 (c) 2009 Business Wire.  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 613:PR Newswire 1999-2009/Oct 16  
 (c) 2009 PR Newswire Association Inc  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 634:San Jose Mercury Jun 1985-2009/Oct 15  
 (c) 2009 San Jose Mercury News  
 File 624:McGraw-Hill Publications 1985-2009/Oct 16  
 (c) 2009 McGraw-Hill Co. Inc  
 File 9:Business & Industry(R) Jul/1994-2009/Oct 15  
 (c) 2009 Gale/Cengage  
 File 275:Gale Group Computer DB(TM) 1983-2009/Sep 16  
 (c) 2009 Gale/Cengage  
 File 621:Gale Group New Prod.Annou.(R) 1985-2009/Sep 08  
 (c) 2009 Gale/Cengage  
 File 636:Gale Group Newsletter DB(TM) 1987-2009/Sep 22  
 (c) 2009 Gale/Cengage  
 File 16:Gale Group PROMT(R) 1990-2009/Sep 22  
 (c) 2009 Gale/Cengage  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2009/Sep 22  
 (c) 2009 Gale/Cengage  
 File 471:New York Times Fulltext 1980-2009/Oct 16  
 (c) 2009 The New York Times  
 File 149:TGG Health&Wellness DB(SM) 1976-2009/Sep W2  
 (c) 2009 Gale/Cengage  
 File 444:New England Journal of Med. 1985-2009/Oct W2  
 (c) 2009 Mass. Med. Soc.  
 File 455:Drug News & Perspectives 1992-2005/Aug  
 (c) 2005 Prous Science  
 File 129:PHIND(Archival) 1980-2009/Sep W1  
 (c) 2009 Informa UK Ltd  
 File 130:PHIND(Daily & Current) 2009/Oct 16  
 (c) 2009 Informa UK Ltd

Set	Items	Description
S1	208	AU=(SASAKI, T? OR SASAKI T? OR SASAKI(2N)T?)
S2	7	AU=(SUGAMA, S? OR SUGAMA S? OR SUGAMA(2N)S?)
S3	16	AU=(TSUTSUMI, T? OR TSUTSUMI T? OR TSUTSUMI(2N)T?)
S4	0	S1 AND S2 AND S3

File 2:INSPEC 1898-2009/Oct W1  
 (c) 2009 The IET  
 File 35:Dissertation Abs Online 1861-2009/Sep

(c) 2009 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2009/Oct 16  
 (c) 2009 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Sep  
 (c) 2009 The HW Wilson Co.  
 File 474:New York Times Abs 1969-2009/Oct 16  
 (c) 2009 The New York Times  
 File 475:Wall Street Journal Abs 1973-2009/Oct 16  
 (c) 2009 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 Gale/Cengage  
 File 256:TecTrends 1982-2009/Oct W2  
 (c) 2009 Info.Sources Inc. All rights res.  
 File 23:CSA Technology Research Database 1963-2009/Sep  
 (c) 2009 CSA.  
 File 7:Social SciSearch(R) 1972-2009/Oct W2  
 (c) 2009 The Thomson Corp  
 File 34:SciSearch(R) Cited Ref Sci 1990-2009/Oct W2  
 (c) 2009 The Thomson Corp  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp  
 File 5:Biosis Previews(R) 1926-2009/Oct W2  
 (c) 2009 The Thomson Corporation  
 File 73:EMBASE 1974-2009/Oct 16  
 (c) 2009 Elsevier B.V.  
 File 155:MEDLINE(R) 1950-2009/Oct 15  
 (c) format only 2009 Dialog  
 File 42:Pharm. News Index 1974-2009/Sep W3  
 (c) 2009 ProQuest Info&Learning  
 File 74:Int.Pharm.Abs 1970-2009/Jul B1  
 (c) 2009 The Thomson Corporation

Set	Items	Description
S1	30179	AU=(SASAKI, T? OR SASAKI T? OR SASAKI(2N)T?)
S2	383	AU=(SUGAMA, S? OR SUGAMA S? OR SUGAMA(2N)S?)
S3	2287	AU=(TSUTSUMI, T? OR TSUTSUMI T? OR TSUTSUMI(2N)T?)
S4	0	S1 AND S2 AND S3

File 348:EUROPEAN PATENTS 1978-200942  
 (c) 2009 European Patent Office  
 File 349:PCT FULLTEXT 1979-2009/UB=20091008|UT=20091001  
 (c) 2009 WIPO/Thomson  
 File 324:GERMAN PATENTS FULLTEXT 1967-200942  
 (c) 2009 UNIVENTIO/THOMSON

Set	Items	Description
S1	2653	AU=(SASAKI, T? OR SASAKI T? OR SASAKI(2N)T?)
S2	125	AU=(SUGAMA, S? OR SUGAMA S? OR SUGAMA(2N)S?)
S3	232	AU=(TSUTSUMI, T? OR TSUTSUMI T? OR TSUTSUMI(2N)T?)
S4	1	S1 AND S2 AND S3

File 350:Derwent WPIX 1963-2009/UD=200965  
 (c) 2009 Thomson Reuters  
 File 347:JAPIO Dec 1976-2009/Jun(Updated 090923)  
 (c) 2009 JPO & JAPIO

Set	Items	Description
S1	28364	AU=(SASAKI, T? OR SASAKI T? OR SASAKI (2N)T?)
S2	421	AU=(SUGAMA, S? OR SUGAMA S? OR SUGAMA (2N)S?)
S3	3508	AU=(TSUTSUMI, T? OR TSUTSUMI T? OR TSUTSUMI (2N)T?)
S4	10	S1 AND S2 AND S3
S5	7	S4 AND (HOSPITAL? ? OR MEDICAL??)

**Dialog eLink:** [Order File History](#)

5/AU,TL,PA,TG,GL/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2009 Thomson Reuters. All rights reserved.

0017225744

WPI Acc no: 2008-A46174/

**Medicine discharging inhaler for asthmatic patient, has database storing personal information about user such as information about prescription for user, and tank containing code for identifying type of contained medicine**

**Original Titles:**

Portable terminal and health management method and system using portable terminal

Patent Assignee: CANON KK (CANO)

**Dialog eLink:** [Order File History](#)

5/AU,TL,PA,TG,GL/2 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2009 Thomson Reuters. All rights reserved.

0017225743

WPI Acc no: 2008-A46173/

**Portable terminal for managing personal information of diabetic patient, has inhaler changing parameter associated with discharging medicine within predetermined period of time in which user executes inhalation**

**Original Titles:**

Portable terminal and health management method and system using portable terminal

Patent Assignee: CANON KK (CANO)

Assignee name & address:

CANON KABUSHIKI KAISHA, (CANO), Tokyo, JP, Tokyo, JP  
Sasaki, Toshiaki, Kanagawa, JP, Kanagawa, JP  
Sugama, Sadayuki, Ibaraki, JP, Ibaraki, JP  
Tsutsumi, Takayoshi, Tokyo, JP, Tokyo, JP  
Inventor name & address:  
**Sasaki, Toshiaki**, Kanagawa, JP, Kanagawa, JP  
**Sugama, Sadayuki**, Ibaraki, JP, Ibaraki, JP  
**Tsutsumi, Takayoshi**, Tokyo, JP, Tokyo, JP

**Dialog eLink:** [Order File History](#)  
5/AU,TLPA,TG,GL/3 (Item 3 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2009 Thomson Reuters. All rights reserved.

0012676885  
WPI Acc no: 2002-527195/

**Medical health management system comprises emergency handling unit which is activated for allowing identified user to communicate with medical facility terminal, when user terminal transmits specific signal**  
**Original Titles:**

**Publication No.** AU 2003268831 A1 (Update 200443 NCE)  
Publication Date: 20040122  
Assignee: CANON KK (CANO)  
Inventor: SUGAMA S  
TSUTSUMI A  
SASAKI T

DIALOG(R)File 347: JAPIO  
(c) 2009 JPO & JAPIO. All rights reserved.

**SYSTEM AND METHOD FOR HEALTH MANAGEMENT USING PORTABLE TERMINAL**

**Inventor: SASAKI TOSHIKI**



**SUGAMA SADAYUKI  
TSUTSUMI TAKAYOSHI**  
**Applicant: CANON INC**

DIALOG(R)File 347: JAPIO  
(c) 2009 JPO & JAPIO. All rights reserved.

**SYSTEM AND METHOD FOR SUPPORTING PRESCRIPTION DECISION**

**Inventor: SASAKI TOSHIAKI  
SUGAMA SADAYUKI  
TSUTSUMI TAKAYOSHI**  
**Applicant: CANON INC**

DIALOG(R)File 347: JAPIO  
(c) 2009 JPO & JAPIO. All rights reserved.

**PORTABLE TERMINAL PROVIDED WITH INHALER AND CONTROL METHOD FOR  
INHALER**

**Inventor: SASAKI TOSHIAKI  
SUGAMA SADAYUKI  
TSUTSUMI TAKAYOSHI**  
**Applicant: CANON INC**

### III. Text Search Results from Dialog

#### A. Patent Files, Abstract

File 350:Derwent WPIX 1963-2009/UD-200965  
(c) 2009 Thomson Reuters  
File 347:JAPIO Dec 1976-2009/Jun(Updated 090923)  
(c) 2009 JPO & JAPIO  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office

?DS

Set	Items	Description
S1	1481764	(PORTABL??? OR MOVABL?? OR MOTION???? OR MOVING OR MOVE? ? OR MOBILE? OR ADJUST???? OR TRANSPORT???? OR CARRIE?? OR HANDHELD? ? OR HAND()HELD? ? OR CARRY??? OR COMPACT??)(3N)(TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY? ? OR LCD? ? OR VIEWER? ? OR INTERFACE? ? OR MACHINE?? OR APPARATUS?? OR DEVICE?? OR UNIT? ? OR ASSISTANT? ? OR PHONE? ? OR PDA? ?)
S2	228664	S1(8N)(ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR PLOT? ? OR PLOTT??? OR INSTRUCT??? OR NAVIGAT???? OR LAYOUT?? OR FLOORPLAN?? OR FLOOR??)(PLAN??? OR COURSE?? OR DESTINATION? ? OR ROAD? ? OR STREET?? OR WAY? ? OR PATH? ? OR LEAD??? OR STEER??? OR GUID??? OR ADDRESS?? OR POINT?? OR STREETMAP? ?)
S3	386340	S1(8N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK? ? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)
S4	4836	S2(8N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILIT??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT???)
S5	221789	(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILIT??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)(7N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK? ? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)
S6	1804	(PORTABL??? OR MOBILE? OR HANDHELD? ? OR HAND()HELD? ? OR COMPACT??)(10N)(ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR NAVIGAT???? OR FLOORPLAN?? OR FLOOR??)(PLAN??? OR GUID???) (20N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST???)
S7	228664	S1 AND S2
S8	78833	S7 AND S3
S9	2300	S8 AND S4
S10	1728	S9 AND S5
S11	278	S10 AND S6
S12	81	S11 NOT AY>2001
S13	10	S12 AND IC=(G06F OR A61B)

**Dialog eLink:** [Order File History](#)

13/3.K/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2009 Thomson Reuters. All rights reserved.

0011210442

WPI Acc no: 2002-149263/200220

XRFX Acc No: N2002-113125

**Arrangement for monitoring and determining position of mobile patients with aid of GSM system**

Patent Assignee: BEETZ K (BEET-I); BIOTRONIK MESS & THERAPIEGERAETE GMBH (BIOT-N); KRAUS M (KRAU-I); LANG B (LANG-I); LANG M (LANG-I); NAGELSCHMIDT A (NAGE-I); NEUDECKER J (NEUD-I); POTSCHADTKE J (POTS-I)

Inventor: BEETZ K; KRAUS M; LANG B; LANG M; NAGELSCHMIDT A; NEUDECKER J; POTSCHADTKE J

Priority Applications (no., kind, date): DE 10008917 A 20000225; EP 2001102936 A 20010208

**Alerting Abstract** ...NOVELTY - A typical patient has an external pacemaker controlling an implanted therapeutic **unit**. A patients **mobile phone communicates** with a monitoring centre and **transmits** bearing **signals**. Should the patients monitoring unit signal a deterioration in the patients condition or equipment failure the monitoring centre identifies the approximate **location** of the patient and despatches an **emergency** crew. When the **location** is reached the crew, using a modified **mobile phone**, then locates the patients precise **location** USE - For monitoring a patient located remote from a **hospital** after serious illness or operation and **receiving** follow up therapy...

**Dialog eLink:** [Order File History](#)

13/3.K/5 (Item 1 from file: 347)

DIALOG(R)File 347: JAPIO

(c) 2009 JPO & JAPIO. All rights reserved.

09149198 \*\*Image available\*\*

**MOBILE TERMINAL DEVICE, MOBILE COMMUNICATION SYSTEM, AND EMERGENCY MAIL TRANSMISSION METHOD**

**Pub. No.:** 2007-189461 [JP 2007189461 A ]

**Published:** July 26, 2007 (20070726)

**Inventor:** HIRATA KENRO

ZAKASEKI TAKUYA

**Applicant:** MITSUBISHI ELECTRIC CORP

**Application No.:** 2006-005354 [JP 20065354]

**Filed:** January 12, 2006 (20060112)

\*\*Image available\*\*

## MOBILE TERMINAL DEVICE, MOBILE COMMUNICATION SYSTEM, AND EMERGENCY MAIL TRANSMISSION METHOD

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

...JP

G06F-0013/00...

### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **mobile terminal device** capable of automatically transmitting an emergency mail including location information when an emergency **broadcast** is **received** to a predetermined **destination**.

SOLUTION: The

**mobile terminal device** comprises: a **broadcast receiving**/demodulating means 2 for **receiving** the broadcast; telephone transmitting and receiving/modulating means 5 for performing a telephone communication; a...

...information acquired by the location information acquisition means 6 and a storage content of the **emergency** mail storage memory 4, when the **broadcast receiving**/demodulation means 2 **receives** the **emergency broadcast**, and transmitting the mail to the destination by controlling the telephone transmitting and receiving/modulation...

Di01

**Dialog eLink:** [Order File History](#)

13/3,K/6 (Item 2 from file: 347)

DIALOG(R)File 347: JAPIO

(c) 2009 JPO & JAPIO. All rights reserved.

08474113 \*\*Image available\*\*

## EMERGENCY MAIL NOTIFICATION CONTROL METHOD AND SYSTEM FOR PORTABLE TERMINAL

**Pub. No.:** 2005-222373 [JP 2005222373 A ]

**Published:** August 18, 2005 (20050818)

**Inventor:** YOSHIDA KATSUNORI

JINBO KAZUYA

**Applicant:** FUJITSU LTD

**Application No.:** 2004-030745 [JP 200430745]

**Filed:** February 06, 2004 (20040206)

\*\*Image available\*\*

**EMERGENCY MAIL NOTIFICATION CONTROL METHOD AND SYSTEM FOR PORTABLE TERMINAL**

**International Class:** G08B-025/10; **G06F-017/60**; H04M-003/42; H04M-011/04

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide an **emergency** mail notification control method for a **portable terminal** by which the occurrence of an event or the predictive information is speedily imparted to a neighboring person.

**SOLUTION:** This **emergency** mail notification control system is composed of: a location information acquiring function part 1 which **receives** an **emergency** mail from the first **portable terminal** of a person who has gotten involved in an accident or event or the second **portable terminal** of a person who has witnessed the accident or event; a peripheral information collecting function part 2 which receives an output from the **location** information acquiring function part 1, and extracts the latitude/longitude of the transmission location from... ..accident site of a mail representing the emergency mail attached with the map of the **locations** of the existence of the first **portable terminal** and the second **portable terminal** from the first **portable terminal** and the second **portable terminal** to the third **portable terminal**.

**COPYRIGHT:** (C)2005,JPO&NCIPI Di01

**Dialog eLink:** [Order File History](#)

13/3,K/8 (Item 4 from file: 347)

DIALOG(R)File 347: JAPIO

(c) 2009 JPO & JAPIO. All rights reserved.

08031936 \*\*Image available\*\*

**MOBILE BODY GUIDING TERMINAL, GUIDE SERVER, AND THREE DIMENSIONAL STRUCTURE GUIDING SYSTEM**

**Pub. No.:** 2004-144695 [JP 2004144695 A]  
**Published:** May 20, 2004 (20040520)  
**Inventor:** KON SUKEYUKI  
**Applicant:** MITSUBISHI ELECTRIC CORP  
**Application No.:** 2002-312319 [JP 2002312319]  
**Filed:** October 28, 2002 (20021028)  
**\*\*Image available\*\***

# **MOBILE BODY GUIDING TERMINAL, GUIDE SERVER, AND THREE DIMENSIONAL STRUCTURE GUIDING SYSTEM**

**International Class:** G01C-021/00; **G06F-017/60**; H04B-007/26; H04Q-007/34; G08G-001/137

## **ABSTRACT**

...receives a high-precision positioning information distributed by a semi-zenith satellite 200 using a **mobile** body guiding terminal 400, to find a current position. A guide request 461 for requesting guiding to a patient B is transmitted to a guide server 500 using the **mobile** body guiding terminal 400. The **guide** server 500 in a **hospital** 700 receives the **guide** request 461 through a wireless station 560. The **guide** server 500 generates a **guide** information 462 containing a **map** information inside the **hospital** 700 based on the **guide** request 461 received by the **guide** server 500, and transmits it to the **mobile** body **guiding** terminal 400. The **mobile** body **guiding** terminal 400 receives the **guide** information 462, and displays a **guide** from a current position of A to the patient B on a display part 440... Di01

## **B. Patent Files, Full-Text**

File 348:EUROPEAN PATENTS 1978-200942  
(c) 2009 European Patent Office  
File 349:PCT FULLTEXT 1979-2009/UB-20091008[UT-20091001  
(c) 2009 WIPO/Thomson  
File 324:GERMAN PATENTS FULLTEXT 1967-200942  
(c) 2009 UNIVENTIO/THOMSON

Set	Items	Description
S1	938705	(PORTABL??? OR MOVABL?? OR MOTION???? OR MOVING OR MOVE? ? OR MOBILE? OR ADJUST???? OR TRANSPORT???? OR CARRIE?? OR HANDHELD? ? OR HAND()HELD? ? OR CARRY??? OR COMPACT??) (3N) (TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY?? OR LCD? ? OR VIEWER? ? OR INTERFACE? ? OR MACHINE?? OR APPARATUS?? OR DEVICE?? OR UNIT? ? OR ASSISTANT? ? OR PHONE? ? OR PDA? ?)
S2	322952	S1(16N) (ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR PLOT? ? OR PLOTT??? OR INSTRUCT???? OR NAVIGAT???? OR LAYOUT?? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR COURSE?? OR DESTINATION? ? OR ROAD? ? OR STREET?? OR WAY? ? OR PATH? ? OR LEAD??? OR STEER??? OR GUID??? OR ADDRESS?? OR POINT?? OR STREETMAP? ?)
S3	334920	(MEDICAL?? OR CLINICAL?? OR HEALTH?? OR PATIENT?? OR HEALTHCARE? ? OR HEALTH()CARE? ? OR HOSPITAL? OR TREATMENT? ? OR CASE? ? OR THERAPEUTIC? OR THERAP??? OR TREAT???) (3N) (RECORD??? OR INFORMATION?? OR DATA? ? OR DOCUMENT????? OR HISTOR??? OR INFO OR FILE OR FILES OR PROFIL??? OR DETAIL? ? OR PROTOCOL? OR LOG OR LOGS OR REGIME?)

S4 241128 S1(8N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)

S5 302776 (HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILIT??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)(7N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)

S6 9187 S2(8N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILIT??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)

S7 2694 (PORTABLE??? OR MOBILE? OR HANDHELD? ? OR HAND()HELD? ? OR COMPACT??)(3N)(TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY? ? OR APPARATUS?? OR DEVICE?? OR UNIT? ?)(10N)(ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR NAVIGAT???? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR GUID???) (20N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST??)

S8 322952 S1(5N)S2  
S9 78975 S8(5N)S4  
S10 79442 S8(10N)S4  
S11 2578 S10(3N)S6  
S12 393 S11(5N)S7  
S13 128 S12 NOT AY>2001  
S14 20 S13 AND IC=(G06F OR A61B)  
S15 1921 S1(5N)S7  
S16 1923 S1(10N)S7  
S17 1395 S16(5N)S2  
S18 703 S17(5N)S4  
S19 425 S18(5N)S6  
S20 285 S19(3N)S5  
S21 98 S20 NOT AY>2001  
S22 9 S21 AND IC=(G06F OR A61B)  
S23 322952 S1(5N)S2  
S24 322952 S1(10N)S2  
S25 2323 S24(5N)S3  
S26 2721 S24(10N)S3  
S27 1257 S26(5N)S4  
S28 1267 S26(10N)S4  
S29 167 S28(5N)S5  
S30 65 S29 NOT AY>2001  
S31 18 S30 AND IC=(G06F OR A61B)  
S32 1921 S1(5N)S7  
S33 1923 S1(10N)S7  
S34 1924 S1(20N)S7  
S35 1399 S34(5N)S2  
S36 89 S35(5N)S3  
S37 27 S36 NOT AY>2001  
S38 61 S14 OR S22 OR S31 OR S37  
S39 61 IDPAT (sorted in duplicate/non-duplicate order)  
S40 59 IDPAT (primary/non-duplicate records only)

**Dialog eLink:** [Order File History](#)

40/3K/11 (Item 11 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

(c) 2009 European Patent Office. All rights reserved.

01135663

**SYSTEM AND METHOD FOR PROVIDING MENU DATA USING A COMMUNICATION NETWORK**

SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG VON MENUDATEN UNTER VERWENDUNG EINES KOMMUNIKATIONSNETZES

SYSTEME ET PROCEDE FOURNISSANT DES DONNEES DE MENU PAR UTILISATION D'UN RESEAU DE TELECOMMUNICATIONS

**Patent Assignee:**

- **Minorplanet Systems USA, Inc.;** (1786125)  
1155 Kas Drive; Richardson, TX 75081; (US)  
(Proprietor designated states: all)

**Inventor:**

- **KENNEDY, William, C., III**  
9049 Church Road; Dallas, TX 75231; (US)
- **BEASLEY, Dale, E.**  
2709 Ridgemere Drive; Flower Mound, TX 75028; (US)
- **PARKER, Terry, S.**  
8463N, 1175 West; Monticello, IN 47960; (US)
- **RUSSELL, Thomas, D.**  
3520 Kingsbridge Drive; Plano, TX 75075; (US)
- **SAUNDERS, William, C.**  
5735 Prestwick Lane; Dallas, Texas 75252; (US)

**Legal Representative:**

- **Potter, Julian Mark et al (80064)**  
D Young & Co 120 Holborn; London EC1N 2DY; (GB)

	Country	Number	Kind	Date	
Patent	EP	1101375	A2	20010523	(Basic)
	EP	1101375	B1	20050323	
	WO	2000007385		20000210	
Application	EP	99940832		19990728	
	WO	99US17253		19990728	



	Country	Number	Kind	Date
Priorities	US	124951		19980729

### Designated States:

**Specification:** ...entity having a telephone number stored in memory 40. In another example, an operator of **mobile unit 12** may issue a verbal command to select a particular enhanced service offered by... ..center 16 relevant medical information about the operator of mobile unit 12. In this regard, **mobile unit 12** generates and issues a service message 58 to NSC 14. NSC 14 uses service... ..122 and to select an appropriate service center 16 based upon, in one embodiment, the **location of mobile unit 12**. NSC 14 then provides to the selected service center 16 information such as **location**, engine data, personal medical data, or any other suitable information on the status or condition of **mobile unit 12**, or its operator. Service center 16 then establishes a communication session with **mobile unit 12** so that it may deliver audible messages or perform other voice communications using voice network 18, to provide **emergency** and security services to persons or vehicles associated with **mobile unit 12**. Service center 16 may also provide data services such as remote security services using actuators 28 coupled to **mobile unit 12**. For example, service center 16 may issue commands to immobilize a vehicle, sound an... ..unlock doors, or perform any function remotely using an appropriate actuator 28 coupled to mobile **unit 12**.

Roadside assistance button 216 facilitates requesting enhanced services from service centers 16, such as...services offered by the particular service center 16. For example, if service center 16 provides **direction** services, then database 360 may store **maps**, geographical coordinates, or other geographical information that allows service center 16 to provide **directions** to the operators of **mobile units 12** in both audible and data formats. Similarly, database 360 may store traffic information, weather information, personal medical information, dispatch numbers, **emergency** personnel **locations**, or other information that allows service center 16 to dispatch assistance to the operators of **mobile units 12**.

Service center 16 may further include a global computer network module 362 that provides...

**Dialog eLink:** [Order File History](#)  
40/3K/19 (Item 19 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00929775

### UNIFIED GEOGRAPHIC DATABASE AND METHOD OF CREATING, MAINTAINING AND USING THE SAME

BASE DE DONNEES GEOGRAPHIQUE UNIFIEE ET PROCEDE DE CREATION, D'ENTRETIEN ET D'UTILISATION DE CETTE DERNIERE

**Patent Applicant/Patent Assignee:**

- **GO2 SYSTEMS INC**  
18400 Von Karman Avenue, 9th Floor, Irvine, CA 92612; US

**Inventor(s):**

- **HANCOCK Lee S**  
4 Hampshire Court, Newport Beach, CA 92660; US
- **HASTINGS Jordan**  
55 Hitchcock Way, #200, Santa Barbara, CA 93105; US
- **MORRISON Scott D**  
24111 Castilla Lane, Mission Viejo, CA 92691; US

**Legal Representative:**

- **FARSHAD Farjami(agent)**  
Farjami & Farjami LLP, 16148 Sand Canyon, Irvine, CA 92618; US;

	Country	Number	Kind	Date
Patent	WO	200263853	A2-A3	20020815
Application	WO	2001US50085		20011018
Priorities	US	2000707213		20001103

**Detailed Description:**

...For example, if a hiker above needs emergency assistance, the navigational system can provide a **locational** ULA that is easy to read and communicate by voice or numeric only key pad... ..ULA may be automatically communicated to emergency personnel if the navigational system integrates with a **portable phone**, two **way** pager, or other **portable** communication **device** .

**E. EXAMPLE 8.**

An example illustrating the use of PLAs and ULAs in a specific...advantage of the features described herein.

FIG. 13 depicts an operational environment of the automatic **location** aspect of the present invention according to a preferred embodiment. A **portable**-computing **device** 1302 is installed in a **mobile unit** such as an automobile 104. Alternatively, the portablecomputing device 1302 may be carried on the...

**Dialog eLink:** [Order File History](#)

40/3K/36 (Item 36 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rights reserved.

00803560

## REAL-TIME DELIVERY OF MEDICAL TEST DATA TO PORTABLE COMMUNICATIONS DEVICES

REMISE EN TEMPS REEL DE DONNEES DE TESTS MEDICAUX A DES DISPOSITIFS DE COMMUNICATION PORTATIFS

### Patent Applicant/Inventor:

- **LIOTTA Lance A**  
8601 Bradley Boulevard, Bethesda, MD 20817; US; US(Residence); US(Nationality)
- **LIOTTA Tyson**  
24 Court House Square #201, Rockville, MD 20850; US; US(Residence); US(Nationality)

### Legal Representative:

- **MINNICH Richard J(agent)**  
Fay, Sharpe, Fagan, Minnich & McKee, LLP, Suite 700, 1100 Superior Avenue, Cleveland, OH 44114; US;

	Country	Number	Kind	Date
Patent	WO	200137110	A1	20010525
Application	WO	2000US42116		20001114
Priorities	US	99165500		19991115

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

### Detailed Description:

...FIGURE 10A and 10B are respective first and second examples of a method for presenting **medical** test data to a physician by **way** of a **portable** or fixed communications **device**;

FIGURE 11 is an example of a method by which the various test results available... ..forth for a physician on his/her communications device;

FIGURE 12 is an example of **medical test data** displayed to a physician on his/her communications device for a particular patient and test... ..a patient using his/her communications device;

FIGURES 14-25 illustrate real-time delivery of

**medical test data** to a portable telephone in accordance with the present invention and a physician's use... ..of illustrating preferred embodiments of the invention only and not limiting the invention in any **way**, FIGURES 1 and 2 illustrate a system for real-time delivery of **medical test data** to **portable communications devices** in accordance with the present invention. As illustrated in FIGURE 1, the system  
6  
comprises ...

**Dialog eLink:** [Order File History](#)

40/3K/41 (Item 41 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rights reserved.

00567156

**WORLD WIDE PATIENT LOCATION AND DATA TELEMETRY SYSTEM FOR  
IMPLANTABLE MEDICAL DEVICES**

SYSTEME DE LOCALISATION MONDIALE D'UN PATIENT ET DE TELESURVEILLANCE DE  
DONNEES POUR DISPOSITIFS MEDICAUX IMPLANTABLES

**Patent Applicant/Patent Assignee:**

- **MEDTRONIC INC**  
7000 Central Avenue Northeast, Minneapolis, MN 55432; US; US(Residence); US(Nationality)

**Inventor(s):**

- **THOMPSON David L**  
1660 Onodago Street, Fridley, MN 55432; US

**Legal Representative:**

- **ATLASS Michael B(et al)(agent)**  
Medtronic, Inc. MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432; US;

	Country	Number	Kind	Date
Patent	WO	200030529	A1	20000602

	Country	Number	Kind	Date
Application	WO	99US26390		19991109
Priorities	US	98198623		19981124

### Detailed Description:

...with the patients to locate the patient and to interrogate and program the implanted medical **devices** using the communications interface links incorporated into the GCMS. Alternatively, a system can employ a ... Fig. 7, vehicles 105 and 105a.. This mobile unit being tasked to find the exact **location** of a patient in an alarm condition and to rapidly administer medical aid and provide... Trimbal would be sufficient, but including the signal interference capabilities of the 400Orsi and Dsi **devices** may prove advantageous. By incorporating or using these or even the Leica systems now available to determine **location** to a claimed lem accuracy, sending the **location** information from the patient to the **emergency** locator vehicle could aid in locating a patient more quickly by indicating the **direction** and distance to that **location** in the **emergency** vehicle's base/mobile station **display** (one example illustrated in Fig. 8. (Citations for Trimbal and Leica are near the end...

### Claims:

...traveled is greater than a predetermined trigger distance value

13 A patient monitoring and emergency **location** system as set forth in claim 9 further comprising a processor adapted for transmitting emergency... system therein, such that said mobile unit GPS system produces data related to a present **location** of said **mobile unit** and makes said data related to said present **location** of said **mobile unit** available to said computer system and said **mobile unit** computer system comprises processor means for processing said received **location** information from said transceiver unit and said data related to the present **location** of said **mobile unit** to produce an indication of the relative position of said transceiver **unit** to said **mobile unit**, and a base station for receiving through a telephone system a current **location** representation from said transceiver unit along with status information related to an implantable device implanted... patient location system comprising, providing said system with patients having implanted medical devices and transceiver **units** for monitoring communications from said implanted medical devices, providing said transceiver units with means to... to be reported by said transceiver units to said system across telephonic communications pathways, dispatching **emergency mobile units** having receiver means tuned to receive signals from said transceiver unit reporting said **emergency** condition reporting from said transceiver unit **location** information, receiving said **location** information in said **emergency mobile unit** and employing said **location** information by said **emergency mobile unit** to locate the patient having the reported **emergency**.

30 Method as set forth in claim 29 further comprising continuously transmitting a signal by said transceiver **unit** after reporting said **emergency** condition and wherein said employing step includes triangulation on a signal transmitted by said transceiver **unit** after said transceiver **unit** initially reports said emergency condition 31. Method as set forth in claim 29 wherein...

**Dialog eLink:** [Order](#) [File History](#)  
40/3K/44 (Item 44 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00543792

## SYSTEM AND METHOD FOR PROVIDING DIRECTIONS USING A COMMUNICATION NETWORK

SYSTEME ET PROCEDE FOURNISSANT DES DIRECTIONS EN UTILISANT UN RESEAU DE TELECOMMUNICATIONS

**Patent Applicant/Patent Assignee:**

- **HIGHWAYMASTER COMMUNICATIONS INC**

**Inventor(s):**

- **KENNEDY William C III**
- **BEASLEY Dale E**
- **PARKER Terry S**
- **RUSSELL Thomas D**
- **SAUNDERS William C**
- **WORTHAM Larry C**

**Claims:**

...entity having a telephone number stored in memory 40. In another example, an operator of **mobile unit 12** may issue a verbal command to select a particular enhanced service offered by... example, activating emergency assistance button 214 summons medical personnel in the event of a medical **emergency**, and provides to the appropriate service center 16 relevant medical information about the operator of **mobile unit 12**. In this regard, **mobile unit 12** generates and issues a service message 58 to NSC 14. NSC 14 uses service... 122 and to select an appropriate service center 16 based upon, in one embodiment, the **location** of **mobile unit 12**. NSC 14 then provides to the selected service center 16 information such as **location**, engine data, personal medical data, or any other suitable information on the status or condition of **mobile unit 12**, or its operator. Service center 16 then establishes a communication session with **mobile unit 12** so that it may deliver audible messages or perform other voice communications using voice network 18, to provide **emergency** and security services to persons or vehicles associated with **mobile unit 12**. Service center 16 may also provide data services such as remote security services using actuators 28 coupled to **mobile unit 12**. For example, service center 16 may issue commands to immobilize a vehicle, sound an... services offered by the particular service center 16. For example, if service center 16 provides **direction** services, then database 360 may store **maps**, geographical coordinates, or other geographical information that allows service center 16 to provide **directions** to the operators of **mobile units 12** in both audible and data formats. Similarly, database 360 may store traffic

information, weather information, personal medical information, dispatch numbers, **emergency** personnel **locations**, or other information that allows service center 16 to dispatch assistance to the operators of **mobile units** 12. Service center 16 may further include a global computer network module 362 that provides...

#### IV. Text Search Results from Dialog

##### A. NPL Files, Abstract

File 2:INSPEC 1898-2009/Oct W1  
(c) 2009 The IET  
File 35:Dissertation Abs Online 1861-2009/Sep  
(c) 2009 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2009/Oct 16  
(c) 2009 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Sep  
(c) 2009 The HW Wilson Co.  
File 474:New York Times Abs 1969-2009/Oct 16  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Oct 16  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage  
File 256:TecTrends 1982-2009/Oct W2  
(c) 2009 Info.Sources Inc. All rights res.  
File 23:CSA Technology Research Database 1963-2009/Sep  
(c) 2009 CSA.  
File 7:Social SciSearch(R) 1972-2009/Oct W2  
(c) 2009 The Thomson Corp  
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Oct W2  
(c) 2009 The Thomson Corp  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp  
File 5:Biosis Previews(R) 1926-2009/Oct W2  
(c) 2009 The Thomson Corporation  
File 73:EMBASE 1974-2009/Oct 16  
(c) 2009 Elsevier B.V.  
File 155:MEDLINE(R) 1950-2009/Oct 15  
(c) format only 2009 Dialog  
File 42:Pharm. News Index 1974-2009/Sep W3  
(c) 2009 ProQuest Info&Learning  
File 74:Int.Pharm.Abs 1970-2009/Jul B1  
(c) 2009 The Thomson Corporation

Set	Items	Description
S1	413821	(PORTABL??? OR MOVABL??? OR MOTION???? OR MOVING OR MOVE? ? OR MOBILE? OR ADJUST??? OR TRANSPORT???? OR CARRIE?? OR HANDHELD? ? OR HAND(?)HELD? ? OR CARRY??? OR COMPACT??) (3N) (TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY? ? OR LCD? ? OR VIEWER? ? OR INTERFACE? ? OR MACHINE?? OR APPARATUS?? OR DEVICE?? OR UNIT? ? OR ASSISTANT? ? OR PHONE? ? OR PDA? ?)
S2	54128	S1(16N) (ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAPP??? OR MAP? ? OR PLOT? ? OR PLOTT??? OR INSTRUCT???? OR NAVIGAT???? OR LAYOUT?? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR COURSE?? OR DESTINATION? ? OR ROAD? ? OR STREET?? OR WAY? ? OR PATH? ? OR LEAD??? OR STEER??? OR GUID??? OR ADDRESS?? OR POINT?? OR STREETMAP? ?)
S3	58427	S1(8N) (COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK?? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)



S4            1593    S2(8N) (HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???  
OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR  
CARE??) (2N) (FACILIT??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)

S5            2346    (PORTABL??? OR MOBILE? OR HANDHELD? ? OR HAND()HELD? ? OR  
COMPACT??) (10N) (ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP?? ? OR  
NAVIGAT???? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR GUID???) (20N) (HOSPITAL? OR EMERGENC???  
OR PHARMAC? OR CHEMIST??)

S6            54128    S1 AND S2

S7            10264    S6 AND S3

S8            307       S7 AND S4

S9            165       S8 NOT PY>2000

S10          147       RD (unique items)

S11          33        S10 AND S5

S12          714       S1 AND S5

S13          485       S12 AND S2

S14          146       S13 AND S3

S15          99        S14 AND S4

S16          42        S15 NOT PY>2000

S17          34        RD (unique items)

S18          34        S11 OR S17

S19          34        RD (unique items)

19/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2: INSPEC  
(c) 2009 The IET. All rights reserved.

08937796

**Title: Mobile location in GSM using signal strength technique**

**Author(s):** Kabalan, K.Y.; Mounsef, J.L.

**Author Affiliation:** Dept. of Electr. & Comput. Eng., American Univ. of Beirut, Lebanon

**Book Title:** Proceedings of the 2003 10th IEEE International Conference on Electronics, Circuits, and Systems (IEEE Cat. No.03EX749)

**Inclusive Page Numbers:** 196-9 Vol.1

**Publisher:** IEEE, Piscataway, NJ

**Country of Publication:** USA

**Conference Title:** Proceedings of the 2003 10th IEEE International Conference on Electronics, Circuits, and Systems

**Conference Date:** 14-17 Dec. 2003

**Conference Location:** Sharjah, United Arab Emirates

**Conference Sponsor:** IEEE IEEE Circuits and Syst. Soc. Univ. of Sharjah Etisalat College of Eng. Emirates Telecommunications Corp

**ISBN:** 0 7803 8163 7

**U.S. Copyright Clearance Center Code:** 0-7803-8163-7/03/\$17.00

**Part:** Vol.1

**Number of Pages:** lli+1339

**Language:** English

**Subject(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

**INSPEC Update Issue:** 2004-016

**Copyright:** 2004, IEE

**Abstract:** Wireless **mobile phones** are widely used for emergency phone calls. However, most cellular networks provide only the most...

**Identifiers:** **mobile location**; signal strength technique; GSM cellular **mobiles**; Kalman filter algorithm; E911 requirement; enhancement method; stationary **mobile** station; nonstationary **mobile** station; **emergency phone** calls; position **location**; SACCH **channel**; **channel** allocation algorithm; smoothing; stochastic model

19/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2: INSPEC

(c) 2009 The IET. All rights reserved.

07728051

**Title:** Exact location identification in a mobile computing network

**Author(s):** Sinha, K.; Das, N.

**Author Affiliation:** Dept. of Comput. Sci., Gov. Eng. Coll., Kalyani, India

**Inclusive Page Numbers:** 551-8

**Publisher:** IEEE Comput. Soc, Los Alamitos, CA

**Country of Publication:** USA

**Publication Date:** 2000

**Conference Title:** Proceedings 2000. International Workshop on Parallel Processing

**Conference Date:** 21-24 Aug. 2000

**Conference Location:** Toronto, Ont., Canada

**Conference Sponsor:** Int. Assoc. Comput. & Commun. (IACC)

**Editor(s):** Sadayappan, P.

**ISBN:** 0 7695 0771 9

**U.S. Copyright Clearance Center Code:** 0 7695 0771 9/2000/\$10.00

**Item Identifier (DOI):** [10.1109/ICPPW.2000.869161](https://doi.org/10.1109/ICPPW.2000.869161)

**Number of Pages:** xvi+584

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

**INSPEC Update Issue:** 2000-040

**Copyright:** 2000, IEE

**Abstract:** ... have been proposed so far, but whatever be the scheme, it can only identify a **location** area comprised of a number of cells, or at best a single cell, which may extend over an area of a few square kilometers. In case of some **emergency** needs of a **mobile** user, e.g., in case of fire, medical assistance, accident etc., it is essential to know the exact **location** of it, to provide immediate services. In such circumstances, it is a prerequisite to identify... within a radius of a few meters or so. So far, there is no such **location** management scheme that is capable of finding the exact **location** of any user with such an accuracy. We propose a simple scheme for determining the exact **location** of a **mobile terminal**. Using our technique, in the case of some **emergency**, the **mobile** user transmits a special

distress signal. In response to that, the base station B0 of the cell (in which the **mobile** user currently is), along with two other adjacent base stations exchange a few messages among...

**Identifiers:** exact **location** identification; **mobile** computing network; **mobile communication**; call request; **location** management; **emergency**; **mobile user**; **mobile terminal**; distress **signal**

19/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2: INSPEC

(c) 2009 The IET. All rights reserved.

07096634

**Title:** GPS based in-vehicle emergency communication system

**Author(s):** Ibrahim, D.

**Author Affiliation:** Traffic Control Syst. Unit, UK

**Book Title:** 30th International Symposium on Automotive Technology and Automation. Mechatronics/Automotive Electronics. Real World Reasons to Use Unigraphics and Iman

**Inclusive Page Numbers:** 1021-8 vol.2

**Publisher:** Automotive Autom, Croydon

**Country of Publication:** UK

**Publication Date:** 1997

**Conference Title:** Proceedings of International Symposium on Automotive Technology and Automation

**Conference Date:** 16-19 June 1997

**Conference Location:** Florence, Italy

**Editor(s):** Roller, D.

**ISBN:** 0 947719 87 3

**Part:** vol.2

**Number of Pages:** 2 vol. 1078

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

**INSPEC Update Issue:** 1998-047

**Copyright:** 1998, IEE

**Abstract:** ...common use in many applications, ranging from environmental research, route guidance, fleet management, automatic vehicle **location** systems, automatic pilots, marine **navigation** systems, traffic travel-time surveys and many other transportation related systems. The paper describes the design of a GPS based in-vehicle **emergency** vehicle **location** and communication system. The system consists of a GPS, a laptop PC, and a **mobile phone**. On **emergency**, the user presses a key on the keyboard and as a result of this the current geographical **location** (latitude and longitude) of the vehicle and a pre-specified text message is **sent** to an **emergency** service centre via the **mobile phone**. The system described offers many advantages and can be used as a replacement to the **emergency** call boxes situated on both sides of motorways

**Identifiers:** GPS based in-vehicle **emergency communication** system; GPS based transportation

systems; laptop PC; **mobile phone**; geographical **location**; **emergency** service centre

19/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2: INSPEC

(c) 2009 The IET. All rights reserved.

06162462

**Title:** Location enhanced cellular information services

**Author(s):** Giordano, A.; Borkowski, D.; Kelley, D.

**Author Affiliation:** GTE Labs. Inc., Waltham, MA, USA

**Book Title:** Wireless Networks - Catching the Mobile Future - 5th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'94), and ICC Regional Meeting on Wireless Computer Networks (WCN)

**Inclusive Page Numbers:** 1143-5 vol.4

**Publisher:** IOS Press, Amsterdam

**Country of Publication:** Netherlands

**Publication Date:** 1994

**Conference Title:** Proceedings of Wireless Networks Catching the mobile future

**Conference Date:** 18-23 Sept. 1994

**Conference Location:** The Hague, Netherlands

**Editor(s):** Weber, J.H.; Ambak, J.C.; Prasad, R.

**Item Identifier (DOI):** [10.1109/WNCMF.1994.529433](https://doi.org/10.1109/WNCMF.1994.529433)

**Part:** vol.4

**Number of Pages:** 4 vol. (xvi+xv+xii+xiv+1453)

**Language:** English

**Subfile(s):** B (Electrical & Electronic Engineering)

**INSPEC Update Issue:** 1996-002

**Copyright:** 1996, IEE

**Abstract:** ...simply pressing a button. The technology is based on the integration of an innovative FM **location** technique and a smart **mobile phone**. The system architecture described in this paper permits both voice and data to be jointly...

**Identifiers:** **location** enhanced cellular information services; **emergency** services; incident **location** estimation; FM **location** technique; smart **mobile phone**; system architecture; standard cellular **channel**

19/3,K/14 (Item 3 from file: 23)  
DIALOG(R)File 23: CSA Technology Research Database  
(c) 2009 CSA. All rights reserved.

0010769056 IP Accession No: 200811-71-2086214; 200811-61-2191136; 20082030613; A08-99-2134135

### **Personal security system**

Simms, James R; Simms, Charles G; Moore Jr, Daniel D  
, USA

**Document Type:** Patent

**Record Type:** Abstract

**Language:** English

**File Segment:** Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

### **Abstract:**

...fully automatic personal security system which combines the advantages of worldwide LORAN-C or GPS **navigation** with the substantially worldwide communication capabilities of a cellular telephone or communication satellite. The security system comprises a **mobile** unit which **communicates emergency** data including position coordinates, and a central dispatch station which receives the **emergency** data and accurately displays all necessary **emergency** information superposed on a digitized **map** at a position corresponding to the **location** of the **mobile unit**.

### **B. NPL Files, Full-text**

File 20:Dialog Global Reporter 1997-2009/Oct 16  
(c) 2009 Dialog  
File 15:ABI/Inform(R) 1971-2009/Oct 15  
(c) 2009 ProQuest Info&Learning  
File 610:Business Wire 1999-2009/Oct 16  
(c) 2009 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 613:PR Newswire 1999-2009/Oct 16  
(c) 2009 PR Newswire Association Inc  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2009/Oct 15  
(c) 2009 San Jose Mercury News  
File 624:McGraw-Hill Publications 1985-2009/Oct 16  
(c) 2009 McGraw-Hill Co. Inc  
File 9:Business & Industry(R) Jul/1994-2009/Oct 15  
(c) 2009 Gale/Cengage  
File 275:Gale Group Computer DB(TM) 1983-2009/Sep 16  
(c) 2009 Gale/Cengage  
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Sep 08

(c) 2009 Gale/Cengage  
 File 636:Gale Group Newsletter DB(TM) 1987-2009/Sep 22  
 (c) 2009 Gale/Cengage  
 File 16:Gale Group PROMT(R) 1990-2009/Sep 22  
 (c) 2009 Gale/Cengage  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2009/Sep 29  
 (c) 2009 Gale/Cengage  
 File 471:New York Times Fulltext 1980-2009/Oct 16  
 (c) 2009 The New York Times  
 File 149:TGG Health&Wellness DB(SM) 1976-2009/Sep W2  
 (c) 2009 Gale/Cengage  
 File 444:New England Journal of Med. 1985-2009/Oct W2  
 (c) 2009 Mass. Med. Soc.  
 File 455:Drug News & Perspectives 1992-2005/Aug  
 (c) 2005 Prous Science  
 File 129:PHIND(Archival) 1980-2009/Sep W1  
 (c) 2009 Informa UK Ltd  
 File 130:PHIND(Daily & Current) 2009/Oct 16  
 (c) 2009 Informa UK Ltd

Set	Items	Description
S1	2793604	(PORTABL??? OR MOVABL?? OR MOTION???? OR MOVING OR MOVE? ? OR MOBILE? OR ADJUST??? OR TRANSPORT??? OR CARRIE?? OR HANDHELD? ? OR HAND()HELD? ? OR CARRY??? OR COMPACT??)(3N)(TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY? ? OR LCD? ? OR VIEWER? ? OR INTERFACE? ? OR MACHINE?? OR APPARATUS?? OR DEVICE?? OR UNIT? ? OR ASSISTANT? ? OR PHONE? ? OR PDA? ?)
S2	424475	S1(8N)(ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR PLOT? ? OR PLOT??? OR INSTRUCT??? OR NAVIGAT??? OR LAYOUT? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR COURSE?? OR DESTINATION? ? OR ROAD? ? OR STREET??? OR WAY? ? OR PATH? ? OR LEAD??? OR STEER??? OR GUID??? OR ADDRESS?? OR POINT?? OR STREETMAP? ?)
S3	2764563	(MEDICAL?? OR CLINICAL?? OR HEALTH?? OR PATIENT?? OR HEALTHCARE? ? OR HEALTH()CARE? ? OR HOSPITAL? OR TREATMENT? ? OR CASE? ? OR THERAPEUTIC? OR THERAP??? OR TREAT???)(3N)(RECORD??? OR INFORMATION?? OR DATA? ? OR DOCUMENT????? OR HISTOR??? OR INFO OR FILE OR FILES OR PROFIL??? OR DETAIL? ? OR PROTOCOL? OR LOG OR LOGS OR REGIME?)
S4	498763	S1(8N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK?? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)
S5	2529221	(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILITY??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)(7N)(COMMUNICAT???? OR SIGNAL???? OR TRANSMIT??? OR RELAY??? OR TRANSMISSION? ? OR RECEIV??? OR SENT? ? OR SEND? ? OR SENDING? OR DELIVER?? OR DELIVERING OR BROADCAST? OR LINK?? OR LINKING? OR TRANSFER? OR FORWARD??? OR RADIO??? OR CONVEY??? OR CHANNEL???)
S6	8665	S2(8N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST?? OR DISPENS???? OR ASYLUM? ? OR CENTER?? OR OUTPATIENT?? OR (MEDICAL??? OR EMERGENC??? OR CARE??)(2N)(FACILITY??? OR AID? ?) OR CLINICA??? OR DOCTOR?? OR AID? ? OR INPATIENT??)
S7	8594	(PORTABL??? OR MOBILE? OR HANDHELD? ? OR HAND()HELD? ? OR COMPACT??)(3N)(TERMINAL? ? OR SCREEN? ? OR MONITOR? ? OR DISPLAY? ? OR APPARATUS?? OR DEVICE?? OR UNIT? ?)(3N)(ROUT??? OR LOCATION?? OR DIRECT???? OR FOLLOW??? OR MAP??? OR MAP? ? OR NAVIGAT???? OR FLOORPLAN?? OR FLOOR?()PLAN??? OR GUID????)(20N)(HOSPITAL? OR EMERGENC??? OR PHARMAC? OR CHEMIST??)

```

S8      424475   S1(5N)S2
S9      1298    S8(5N)S3
S10     1914    S8(10N)S3
S11     2507    S8(20N)S3
S12     733     S11(5N)S4
S13     734     S11(10N)S4
S14     158     S13(5N)S5
S15     159     S13(10N)S5
S16     173     S13(20N)S5
S17     155     S16(5N)S6
S18      8      S17 NOT PY>2000
S19      7      RD (unique items)
S20     6433    S1(5N)S7
S21     6445    S1(10N)S7
S22     7039    S1(F)S7
S23     3202    S22(5N)S2
S24     365     S23(5N)S3
S25     406     S23(10N)S3
S26     434     S23(20N)S3
S27     154     S26(5N)S4
S28     131     S27(5N)S5
S29     131     S27(10N)S5
S30     144     S27(F)S5
S31     132     S30(5N)S6
S32      6      S31 NOT PY>2000
S33     10      S19 OR S32
S34      9      RD (unique items)

```

34/3,K/8 (Item 2 from file: 148)  
 DIALOG(R)File 148: Gale Group Trade & Industry DB  
 (c) 2009 Gale/Cengage. All rights reserved.

04774128 **Supplier Number:** 08724508 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Children's Hospital of Orange County first pediatric hospital to install state-of-the art computer system. (CliniCom's CliniCare System)**

PR Newswire , 0810LA002  
 August 10 , 1990

**Language:** ENGLISH

**Record Type:** FULLTEXT

**Word Count:** 701 **Line Count:** 00059

...communications network also includes CliniView, a wall-mounted monitor with a full touchscreen to review **clinical data** in graphic or textual formats. The **compact unit displays** patient care plans, assessments, lab results, vital sign **plots**, medication **profiles** and other important **patient data**.

The CliniView **screen** and the **portable terminal** make up the bedside center. Both **communicate** via **radio** frequency waves, so the unit requires no connecting cord and can be used anywhere in...

## **V. Additional Resources Searched**

[Insert]